

Takuo MUKAI et al., S.N. 10/802,318
Page 19

Dkt. 2271/71539

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Amendments to the Drawings

The replacement sheet of drawings attached hereto as **Exhibit A** include changes to, and replace, Figure 4 of the original sheets of drawings. The line, arrow and label "Digital SIGNAL" at the bottom of Figure 4 has been removed.

Attachment: replacement sheet of drawings for Figure 4

Takuo MUKAI et al., S.N. 10/802,318
Page 20

Dkt. 2271/71539

REMARKS

The application has been reviewed in light of the Office Action dated October 16, 2007. Claims 1-51 are pending in this application. By this Amendment, claims 1, 3, 4, 6, 7, 9, 11, 12, 14, 15 and 17 have been amended, without narrowing a scope of the claims and solely to replace the term "processor" with "processing circuit" in the claims.

Specification, Claims and Drawings

The Office Action indicated that the application is in condition for allowance except that certain informalities need to be corrected.

More specifically, the Office Action states that the specification and claims need to be amended to replace the term "processor" with "processing circuit".

By this amendment, the specification and claims have been amended, without narrowing a scope of the claims and solely to replace the term "processor" with "processing circuit" in the claims. Applicant maintains that the term "processing circuit" encompasses processor (which comprises circuits).

In addition, Fig. 4 has been amended by removing the line, arrow and label "Digital SIGNAL" at the bottom of Figure 4.

Information Disclosure Statement

As indicated in the Office Action, the Form PTO-1449 submitted along with the Information Disclosure Statement filed on March 16, 2004 included a typographical error. More specifically, reference U.S. Patent No. 5,638,135 to Mukai was erroneously identified on the Form PTO-1449 submitted on March 16, 2004 as "5683135".

A corrected Form PTO-1449 is attached as **Exhibit B** hereto. Applicant requests the Examiner to place the initials on the corrected Form PTO-1449, after U.S. Patent No. 5,638,135

Takuo MUKAI et al., S.N. 10/802,318
Page 21

Dkt. 2271/71539

to Mukai has been considered by the Examiner in connection with this application. The other references listed on the Form PTO-1449 have already been considered by the Examiner, as indicated in the Office Action.

Allowable Subject Matter

The Office Action indicates that claims 1-51 are allowed.


Applicant appreciates the Examiner's statement of reasons for allowance in the Office Action and submits that the allowed claims recite subject matter which further supports patentability for reasons in addition to those identified in the Examiner's statement of reasons for allowance in the Office Action.

In view of the amendments to the specification and drawings and the remarks hereinabove, Applicant submits that the application is now in condition for allowance. Accordingly, Applicant earnestly solicits the allowance of the application.

If a petition for an extension of time is required to make this response timely, this paper should be considered to be such a petition. The Patent Office is hereby authorized to charge any fees that are required in connection with this amendment and to credit any overpayment to our Deposit Account No. 03-3125.

If a telephone interview could advance the prosecution of this application, the Examiner is respectfully requested to call the undersigned attorney.

Respectfully submitted,


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